



SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: McBride, William
Dean, Richard T.
- (ii) TITLE OF INVENTION: Monoamine, Diamide, Thiol-containing
Metal Chelating Agents
- (iii) NUMBER OF SEQUENCES: 9
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Banner & Allegretti, Ltd.
 - (B) STREET: 10 South Wacker Drive Suite 3000
 - (C) CITY: Chicago
 - (D) STATE: Illinois
 - (E) COUNTRY: USA
 - (F) ZIP: 60606
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/253,973
 - (B) FILING DATE: 03-JUN-1995
 - (C) CLASSIFICATION:
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Noonan, Kevin E
 - (B) REGISTRATION NUMBER: 35,303
 - (C) REFERENCE/DOCKET NUMBER: 91,875-J
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: 312 715 1000
 - (B) TELEFAX: 312 715 1234
 - (C) TELEX: 910-221-5317

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 19 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: peptide
- (ix) FEATURE:
 - (A) NAME/KEY: Modified-site
 - (B) LOCATION: 19
 - (D) OTHER INFORMATION: /label= Amide
/note= "The carboxyl terminus is modified to an
amide"
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Gly Gly Cys Ser Ile Pro Pro Glu Val Lys Phe Asn Lys Pro Phe Val
1 5 10 15

Tyr Leu Ile

(2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 19 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Gly	Gly	Cys	Ser	Ile	Pro	Pro	Glu	Val	Lys	Phe	Asn	Lys	Pro	Phe	Val
1				5					10					15	

Tyr Leu Ile

(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 6 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

Gly	Gly	Cys	Gly	Leu	Phe
1				5	

(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 19 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
- (B) LOCATION: 19
- (D) OTHER INFORMATION: /label= Amide
/note= "The carboxyl terminus is modified to an amide"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

Arg	Gly	Cys	Ser	Ile	Pro	Pro	Glu	Val	Lys	Phe	Asn	Lys	Pro	Phe	Val
1				5					10					15	

Tyr Leu Ile

(2) INFORMATION FOR SEQ ID NO:5:

- (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

Arg	Gly	Cys	Gln	Ala	Pro	Leu	Tyr	Lys	Lys	Ile	Ile	Lys	Lys	Leu
1				5				10					15	

Leu Glu Ser

(2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 30 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
- (B) LOCATION: 30
- (D) OTHER INFORMATION: /label= Amide
/note= "The carboxyl terminus is modified to an amide"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

Arg	Gly	Cys	Gly	His	Arg	Pro	Leu	Asp	Lys	Lys	Arg	Glu	Glu	Ala	Pro
1				5					10					15	

Ser	Leu	Arg	Pro	Ala	Pro	Pro	Pro	Ile	Ser	Gly	Gly	Tyr	Arg
			20				25					30	

(2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 14 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
- (B) LOCATION: 14
- (D) OTHER INFORMATION: /label= Amide
/note= "The carboxyl terminus is modified to an amide"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

Gly	Gly	Cys	Arg	Pro	Lys	Pro	Gln	Gln	Phe	Phe	Gly	Leu	Met
1				5				10					

- Ala Lys Cys Gly Gly Gly Phe Tyr Trp Lys Thr Phe Thr
1 5 10

(2) INFORMATION FOR SEQ ID NO:9:

- Gly Gly Cys Phe Val Tyr Leu Ile
1 5